1984 PEST CONDITIONS REPORT WORK SHEET

RHODE ISLAND

PEST (COMMON NAME): Red Pine Adelgid

(SPECIFIC NAME): Pineus boerneri

HOST: Red pine and Japanese Black Pine.

PRESENT CONDITION:

AREA (TOTAL ACRES): See attached map.

LOCATION: Found in all counties except Bristol.

SEVERITY (INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES):

U.S.Forest Service defines infestation levels found in 1984 survey, as "light."

LOSSES (INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES):

No estimate of volume and/or dollar loss done.

TREND:

PAST TO PRESENT: A survey made in 1980 revealed that the insect had moved six to seven miles into R.I. from eastern Connecticut. A survey just completed (Nov.'84) revealed that Providence County infested lightly to Mass. border. Kent and Washington Counties infested to within 5 to 6 miles of Narragansett Bay. East Bay infested lightly to Mass. border.

FUTURE: Entire state will be infested within four years.

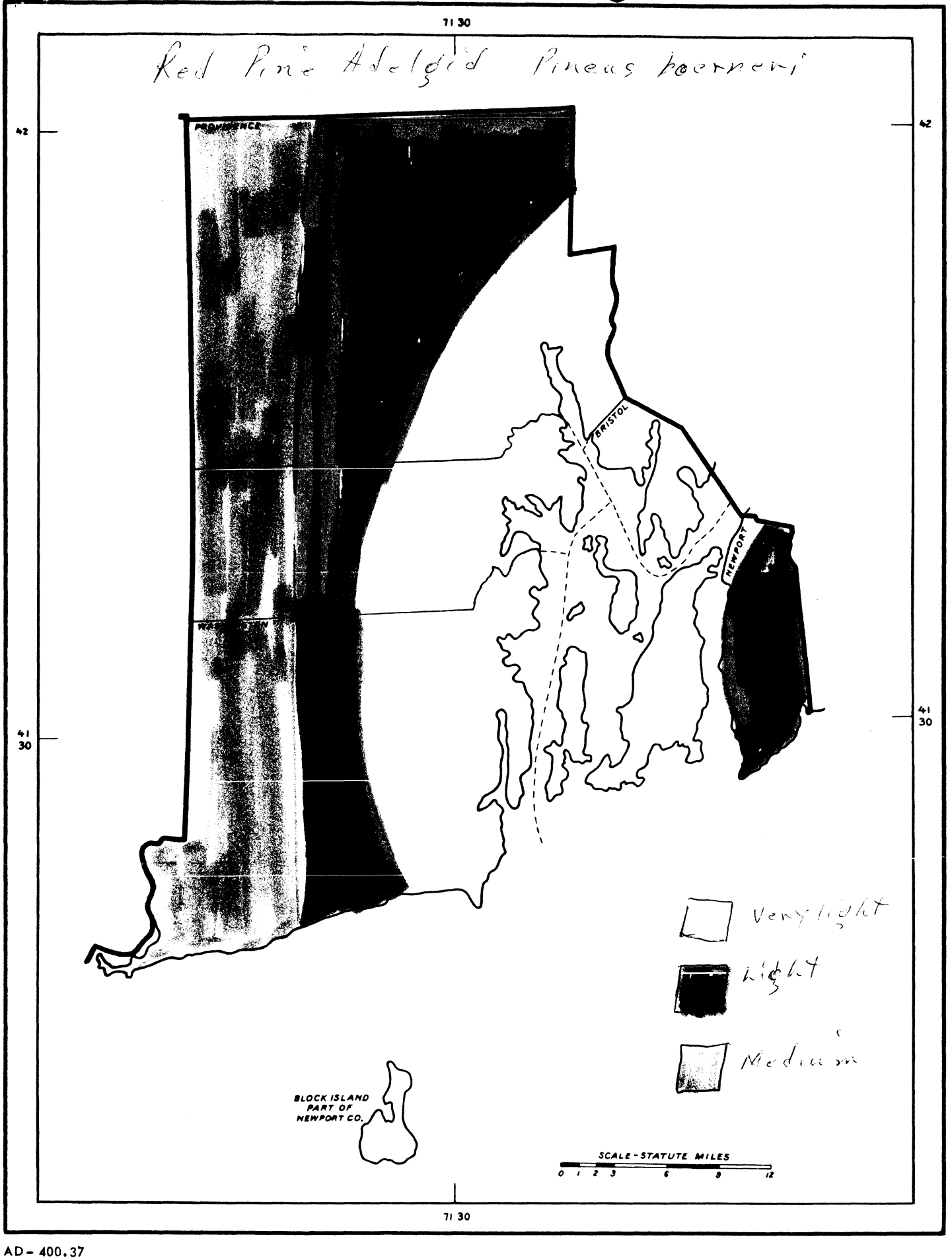
CONTROL PROJECTS (METHOD, MATERIAL, ACRES, COST, RESULTS):

No state control program or local controls in place.

COMMENTS:

Infestation moving eastward more rapidly in Providence County than in Washington or Kent Counties.

RHODE ISLAND



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R.I.

1984 PEST CONDITIONS REPORT WORK SHEET

PEST (COMMON NAME): Gypsy moth

(SPECIFIC NAME): Lymantria dispar

HOST: Primarily oaks - will defoliate many deciduous and coniferous species as well

PRESENT CONDITION:

AREA (TOTAL ACRES): Found statewide

LOCATION: Providence, Kent, Washington, and Newport Counties

SEVERITY (INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES):

30-60% defoliation (Moderate) 133,960 acres

greater than 60% defoliation (Heavy) 30,360 acres

LOSSES (INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES):

No estimates of volume and/or dollar loss done.

TREND:

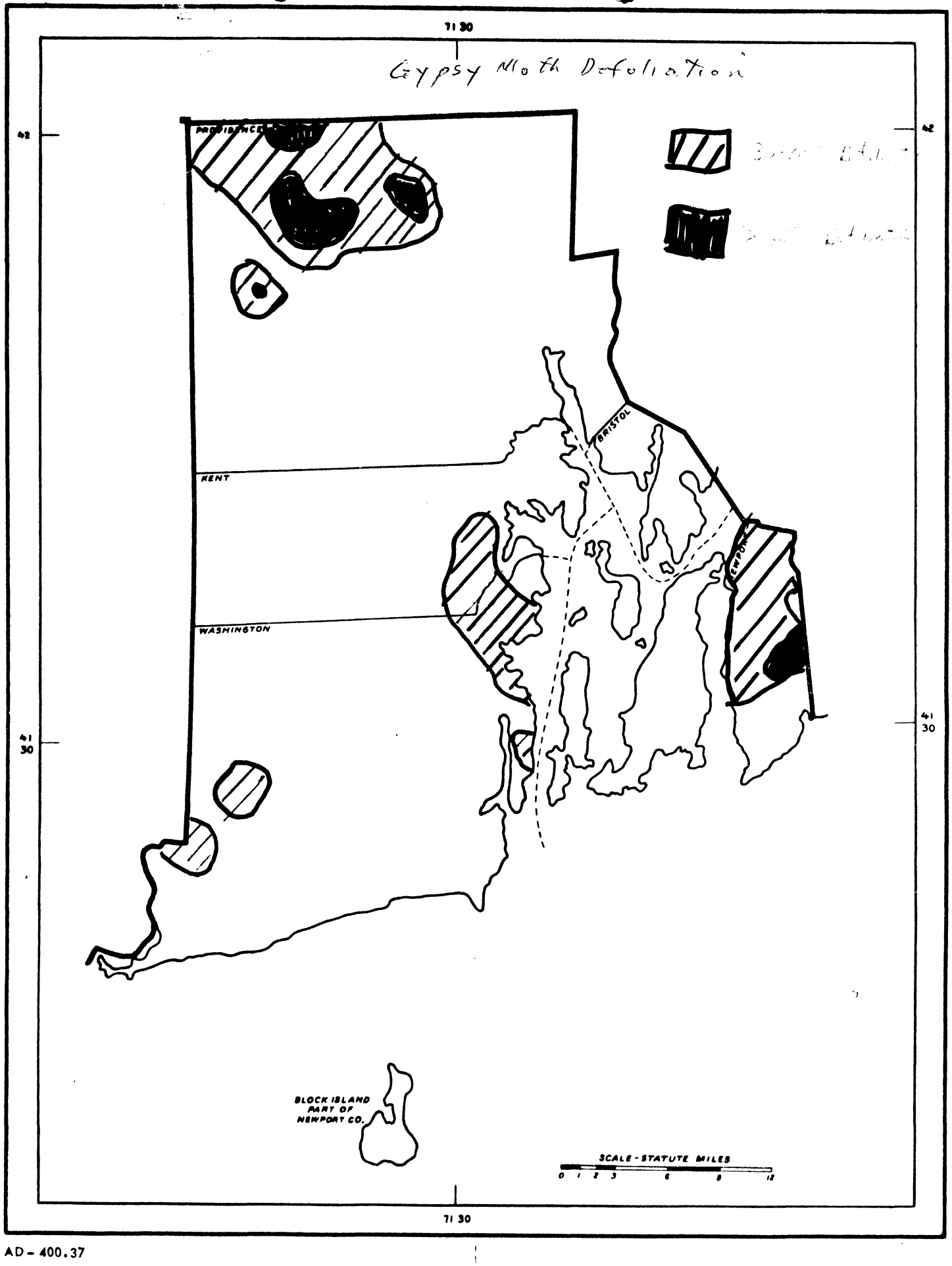
PAST TO PRESENT: Population building from 1983 level

FUTURE: Population expected to increase 200% over 1984 level.

CONTROL PROJECTS (METHOD, MATERIAL, ACRES, COST, RESULTS): None undertaken in 1984.

COMMENTS: No program was undertaken in 1984 as most communities felt population would continue to decline.

RHODE ISLAND



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1984 PEST CONDITIONS REPORT WORK SHEET

RHODE ISLAND

PEST (COMMON NAME): Spruce budworm

(SPECIFIC NAME): Zeiraphera ratzeburgiana

HOST: Various spruces and firs.

PRESENT CONDITION:

AREA (TOTAL ACRES): Minor problems in the small plantations which exist here.

LOCATION: Mainly found in Washington County.

SEVERITY (INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES):

No estimates or measurements done.

LOSSES (INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES):

Not measurable.

TREND:

PAST TO PRESENT: Has been a small problem for 8-10 years.

FUTURE: No survey work done for this insect pest. However it is projected to remain a minor pest here.

CONTROL PROJECTS (METHOD, MATERIAL, ACRES, COST, RESULTS):

No state or local control programs in place in Rhode Island. Some private control work done on the state's nurseries.

COMMENTS:

1984 PEST CONDITIONS REPORT WORK SHEET

RHODE ISLAND

PEST (COMMON NAME): Orange-striped oakworm

(SPECIFIC NAME): Anisota senatoria

HOST: Various oak species

PRESENT CONDITION:

AREA (TOTAL ACRES): Approximately 400 acres total

LOCATION: Providence County

SEVERITY (INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES):

25% to 80% defoliated

LOSSES (INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES):

Dollar value not calculated.

TREND:

PAST TO PRESENT: Last defoliation of apparent significance 10 to 12 years ago in Washington County.

FUTURE: No survey work planned for this insect pest.

CONTROL PROJECTS (METHOD, MATERIAL, ACRES, COST, RESULTS):

No state or local control work planned.

COMMENTS:

Approximately 400 acres of woodland defoliated late August early September, on City of Providence Water Supply property in the Town of Scituate, RI

1984 PEST CONDITIONS REPORT WORK SHEET

RHODE ISLAND

PEST (COMMON NAME): Oak skeletonizer

(SPECIFIC NAME): Bucculatrix ainsliella

HOST: Various species of oak.

PRESENT CONDITION:

AREA (TOTAL ACRES): Found statewide

LOCATION: concentrated mainly in Providence County

SEVERITY (INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES):

No measurements or estimates done.

LOSSES (INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES):

No estimate of volume and/or dollar loss done.

TREND:

PAST TO PRESENT: Heavy populations in Providence County following a two year buildup from very low level populations.

FUTURE: No survey work done for this insect pest, but appears to be on the rise.

CONTROL PROJECTS (METHOD, MATERIAL, ACRES, COST, RESULTS):

No state or local control programs in place in Rhode Island

COMMENTS:

Some complaints mainly from Providence County.

1984 PEST CONDITIONS REPORT WORK SHEET

RHODE ISLAND

PEST (COMMON NAME): Fall Webworm

(SPECIFIC NAME): Hyphantria cunea

HOST: Black cherry, Ash et al

PRESENT CONDITION:

AREA (TOTAL ACRES): Found statewide

LOCATION: Populations high in all counties

SEVERITY (INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES):

Moderate to heavy

LOSSES (INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES):

No estimates of volume and/or dollar loss done.

TREND:

PAST TO PRESENT: Moderate to heavy populations this year after being at a low level for six years.

FUTURE: No survey work done for this insect pest.

CONTROL PROJECTS (METHOD, MATERIAL, ACRES, COST, RESULTS):

No state or local control programs in place in Rhode Island.

COMMENTS: Many complaints statewide. Increase was probably due to warm weather in the month of October.

1984 PEST CONDITIONS REPORT WORK SHEET

RHODE ISLAND

PEST (COMMON NAME): Diplodia twig blight

(SPECIFIC NAME): Diplodia pinea

HOST: All pine species especially Austrian Pine.

PRESENT CONDITION:

AREA (TOTAL ACRES): Found statewide.

LOCATION: Problems low to moderate in all counties.

SEVERITY (INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES):

No measurements or estimates done.

LOSSES (INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES):

No estimate of volume and/or dollar loss done.

TREND:

PAST TO PRESENT: Heavy for the past three to four years. Minor problems this year.

FUTURE: No survey work done for this disease.

CONTROL PROJECTS (METHOD, MATERIAL, ACRES, COST, RESULTS):

No state or local control programs in place in Rhode Island.

COMMENTS: Few complaints statewide.

1984 PEST CONDITIONS REPORT WORK SHEET

RHODE ISLAND

PEST (COMMON NAME): Forest Tent Caterpillar

(SPECIFIC NAME): Malacosoma disstria

HOST: Various species of oak and many other hardwoods

PRESENT CONDITION:

AREA (TOTAL ACRES): Found statewide

LOCATION: Few small infestations in Washington County

SEVERITY (INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES):

Very low level populations.

LOSSES (INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES):

No estimates of volume and/or dollar loss done.

TREND:

PAST TO PRESENT:

Small pockets of low level infestations for the past ten years

FUTURE:

No survey work done for this insect pest.

CONTROL PROJECTS (METHOD, MATERIAL, ACRES, COST, RESULTS):

No state or local control programs in place in Rhode Island.

COMMENTS:

Few complaints statewide.

1984 PEST CONDITIONS REPORT WORK SHEET

RHODE ISLAND

PEST (COMMON NAME): Eastern Tent Caterpillar

(SPECIFIC NAME): Malacosma americana

HOST: Black Cherry and Apple (rose) related species.

PRESENT CONDITION:

AREA (TOTAL ACRES): Found statewide

LOCATION: Mainly in Providence County

SEVERITY (INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES):

Minor populations statewide.

LOSSES (INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES):

No estimate of volume and/or dollar loss done.

TREND:

PAST TO PRESENT: Populations down to a low level in all portions of the state especially Providence County.

FUTURE: No survey work done for this insect pest.

CONTROL PROJECTS (METHOD, MATERIAL, ACRES, COST, RESULTS):

No state control program or local controls in place.

COMMENTS: Very few complaints statewide.

RI

1984 PEST CONDITIONS REPORT WORK SHEET

PEST (COMMON NAME): White Pine Weevil

(SPECIFIC NAME): Pissodes strobi

HOST: White pines, various species of spruce and fir.

PRESENT CONDITION:

AREA (TOTAL ACRES): Found statewide

LOCATION: Moderate infestations in all counties.

SEVERITY (INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES):

Moderate populations statewide

LOSSES (INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES):

No estimate of volume and/or dollar loss done.

TREND:

PAST TO PRESENT:

Populations down statewide after being relatively heavy for four years.

FUTURE: No survey work done for this insect pest.

CONTROL PROJECTS (METHOD, MATERIAL, ACRES, COST, RESULTS):

No state control program or local controls in place.

COMMENTS: Few complaints statewide. Reported in Rhode Island as nursery pest.

1984 PEST CONDITIONS REPORT WORK SHEET

RHODE ISLAND

PEST (COMMON NAME): Fall Cankerworm

(SPECIFIC NAME): Alsophila pometaria

HOST: Mainly on oak and maple species

PRESENT CONDITION:

AREA (TOTAL ACRES): Found statewide

LOCATION: Concentrated mainly in Kent County.

SEVERITY (INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES):

No measurements or estimates done.

LOSSES (INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES):

No estimate of volume and/or dollar loss done.

TREND:

PAST TO PRESENT: Second year of minor populations after five years of heavy populations.

FUTURE: No survey work done for this insect pest.

CONTROL PROJECTS (METHOD, MATERIAL, ACRES, COST, RESULTS):

No state or local control programs in place in Rhode Island

COMMENTS: Few complaints statewide.

1984 PEST CONDITIONS REPORT WORK SHEET

RHODE ISLAND

PEST (COMMON NAME): Larch Sawfly

(SPECIFIC NAME): Pristophora erichsonii

HOST: Larix decidua

PRESENT CONDITION:

AREA (TOTAL ACRES): Found statewide

LOCATION: Concentrated mainly in Washington County

SEVERITY (INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES):

No measurements or estimates done by the state of Rhode Island.

LOSSES (INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES):

No estimate of volume and/or dollar loss done.

TREND:

PAST TO PRESENT: Sixth year of minor populations after two years of heavy damage in Washington County.

FUTURE: No survey work done for this insect pest.

CONTROL PROJECTS (METHOD, MATERIAL, ACRES, COST, RESULTS):

Small, state level control projects have been carried out on state owned land when populations have been high.

COMMENTS:

Few complaints statewide.